

Mnica Amorim

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147 papers	2,924 citations	31 h-index	44 g-index
160 ext. papers	3,455 ext. citations	6.7 avg, IF	5.71 L-index

#	Paper	IF	Citations
147	Identification of the ecological requirements of important terrestrial ecotoxicological test species. <i>Environmental Reviews</i> , 2005 , 13, 51-83	4.5	121
146	Avoidance behaviour of <i>Enchytraeus albidus</i> : effects of benomyl, carbendazim, phenmedipham and different soil types. <i>Chemosphere</i> , 2005 , 59, 501-10	8.4	93
145	Assessing joint toxicity of chemicals in <i>Enchytraeus albidus</i> (Enchytraeidae) and <i>Porcellionides pruinosus</i> (Isopoda) using avoidance behaviour as an endpoint. <i>Environmental Pollution</i> , 2009 , 157, 625-36	9.3	86
144	<i>Enchytraeus crypticus</i> as model species in soil ecotoxicology. <i>Chemosphere</i> , 2012 , 87, 1222-7	8.4	77
143	Mechanisms of response to silver nanoparticles on <i>Enchytraeus albidus</i> (Oligochaeta): survival, reproduction and gene expression profile. <i>Journal of Hazardous Materials</i> , 2013 , 254-255, 336-344	12.8	67
142	<i>Enchytraeus albidus</i> (Enchytraeidae): a test organism in a standardised avoidance test? Effects of different chemical substances. <i>Environment International</i> , 2008 , 34, 363-71	12.9	62
141	Toxicity of copper nanoparticles and CuCl ₂ salt to <i>Enchytraeus albidus</i> worms: survival, reproduction and avoidance responses. <i>Environmental Pollution</i> , 2012 , 164, 164-8	9.3	60
140	Effect of different soil types on the enchytraeids <i>Enchytraeus albidus</i> and <i>Enchytraeus luxuriosus</i> using the herbicide Phenmedipham. <i>Chemosphere</i> , 2005 , 61, 1102-14	8.4	59
139	Effect of soil properties and aging on the toxicity of copper for <i>Enchytraeus albidus</i> , <i>Enchytraeus luxuriosus</i> , and <i>Folsomia candida</i> . <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 1875-85	3.8	59
138	Effects of silver nanoparticles to soil invertebrates: oxidative stress biomarkers in <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2015 , 199, 49-55	9.3	57
137	Avoidance test with <i>Enchytraeus albidus</i> (Enchytraeidae): effects of different exposure time and soil properties. <i>Environmental Pollution</i> , 2008 , 155, 112-6	9.3	57
136	Enchytraeid Reproduction Test(PLUS): hatching, growth and full life cycle test--an optional multi-endpoint test with <i>Enchytraeus crypticus</i> . <i>Ecotoxicology</i> , 2015 , 24, 1053-63	2.9	52
135	Effect of Cu-nanoparticles versus one Cu-salt: analysis of stress biomarkers response in <i>Enchytraeus albidus</i> (Oligochaeta). <i>Nanotoxicology</i> , 2012 , 6, 134-43	5.3	51
134	Effects of Ag nanomaterials (NM300K) and Ag salt (AgNO ₃) can be discriminated in a full life cycle long term test with <i>Enchytraeus crypticus</i> . <i>Journal of Hazardous Materials</i> , 2016 , 318, 608-614	12.8	48
133	Predicted no effect concentration (PNEC) for triclosan to terrestrial species (invertebrates and plants). <i>Environment International</i> , 2010 , 36, 338-343	12.9	47
132	Avoidance tests with earthworms and springtails: defining the minimum exposure time to observe a significant response. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 545-51	7	44
131	Reproduction and biochemical responses in <i>Enchytraeus albidus</i> (Oligochaeta) to zinc or cadmium exposures. <i>Environmental Pollution</i> , 2011 , 159, 1836-43	9.3	43

130	Effects of copper oxide nanomaterials (CuONMs) are life stage dependent - full life cycle in <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , 2017 , 224, 117-124	9.3	42
129	Oxidative Stress Mechanisms Caused by Ag Nanoparticles (NM300K) are Different from Those of AgNO ₃ : Effects in the Soil Invertebrate <i>Enchytraeus Crypticus</i> . <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 9589-602	4.6	42
128	Effects of natural and chemical stressors on <i>Enchytraeus albidus</i> : can oxidative stress parameters be used as fast screening tools for the assessment of different stress impacts in soils?. <i>Environment International</i> , 2009 , 35, 318-24	12.9	39
127	Can avoidance in <i>Enchytraeus albidus</i> be used as a screening parameter for pesticides testing?. <i>Chemosphere</i> , 2010 , 79, 233-7	8.4	38
126	Ecotoxicological and regulatory aspects of environmental sustainability of nanopesticides. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124148	12.8	37
125	Cu-nanoparticles ecotoxicity--explored and explained?. <i>Chemosphere</i> , 2015 , 139, 240-5	8.4	36
124	Cellular Energy Allocation to Assess the Impact of Nanomaterials on Soil Invertebrates (<i>Enchytraeids</i>): The Effect of Cu and Ag. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 6858-78	4.6	35
123	Adaptation of the <i>Enchytraeid</i> toxicity test for use with natural soil types. <i>European Journal of Soil Biology</i> , 2006 , 42, S234-S243	2.9	34
122	Multigenerational effects of copper nanomaterials (CuONMs) are different of those of CuCl: exposure in the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Scientific Reports</i> , 2017 , 7, 8457	4.9	33
121	Effects of ivermectin on <i>Danio rerio</i> : a multiple endpoint approach: behaviour, weight and subcellular markers. <i>Ecotoxicology</i> , 2016 , 25, 491-9	2.9	32
120	Oxidative stress biomarkers and metallothionein in <i>Folsomia candida</i> --responses to Cu and Cd. <i>Environmental Research</i> , 2014 , 133, 164-9	7.9	31
119	Transcriptome assembly and microarray construction for <i>Enchytraeus crypticus</i> , a model oligochaete to assess stress response mechanisms derived from soil conditions. <i>BMC Genomics</i> , 2014 , 15, 302	4.5	31
118	Assessing single and joint effects of chemicals on the survival and reproduction of <i>Folsomia candida</i> (<i>Collembola</i>) in soil. <i>Environmental Pollution</i> , 2012 , 160, 145-52	9.3	31
117	Hazard assessment of nickel nanoparticles in soil-The use of a full life cycle test with <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2934-2941	3.8	31
116	Environmental Impacts by Fragments Released from Nanoenabled Products: A Multiassay, Multimaterial Exploration by the SUN Approach. <i>Environmental Science & Technology</i> , 2018 , 52, 1514-1524	10.3	30
115	Shorter lifetime of a soil invertebrate species when exposed to copper oxide nanoparticles in a full lifespan exposure test. <i>Scientific Reports</i> , 2017 , 7, 1355	4.9	30
114	Effect of Cu-nanoparticles versus Cu-salt in <i>Enchytraeus albidus</i> (<i>Oligochaeta</i>): differential gene expression through microarray analysis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012 , 155, 219-27	3.2	30
113	Biochemical characterization of cholinesterases in <i>Enchytraeus albidus</i> and assessment of in vivo and in vitro effects of different soil properties, copper and phenmedipham. <i>Ecotoxicology</i> , 2011 , 20, 119-30	3.0	30

112	Effects of different soil types on the Collembolans <i>Folsomia candida</i> and <i>Hypogastrura assimilis</i> using the herbicide Phenmedipham. <i>Archives of Environmental Contamination and Toxicology</i> , 2005 , 49, 343-52	3.2	30
111	Bioaccumulation and elimination of ¹⁴ C-lindane by <i>Enchytraeus albidus</i> in artificial (OECD) and a natural soil. <i>Chemosphere</i> , 2002 , 49, 323-9	8.4	30
110	Exposure of <i>Enchytraeus albidus</i> to Cd and Zn - changes in cellular energy allocation (CEA) and linkage to transcriptional, enzymatic and reproductive effects. <i>Chemosphere</i> , 2013 , 90, 1305-9	8.4	29
109	Ag Nanoparticles (Ag NM300K) in the Terrestrial Environment: Effects at Population and Cellular Level in <i>Folsomia candida</i> (Collembola). <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 12530-42	4.6	28
108	High-throughput transcriptomics reveals uniquely affected pathways: AgNPs, PVP-coated AgNPs and Ag NM300K case studies. <i>Environmental Science: Nano</i> , 2017 , 4, 929-937	7.1	26
107	Non-avoidance behaviour in enchytraeids to boric acid is related to the GABAergic mechanism. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 6898-903	5.1	26
106	Dimethoate affects cholinesterases in <i>Folsomia candida</i> and their locomotion--false negative results of an avoidance behaviour test. <i>Science of the Total Environment</i> , 2013 , 443, 821-7	10.2	25
105	Basal levels of enzymatic biomarkers and energy reserves in <i>Porcellionides pruinosus</i> . <i>Soil Biology and Biochemistry</i> , 2010 , 42, 2128-2136	7.5	25
104	Bioavailability and toxicokinetics of (¹⁴)C-lindane (gamma-HCH) in the enchytraeid <i>Enchytraeus albidus</i> in two soil types: the aging effect. <i>Archives of Environmental Contamination and Toxicology</i> , 2002 , 43, 221-8	3.2	25
103	Epigenetic effects of (nano)materials in environmental species - Cu case study in <i>Enchytraeus crypticus</i> . <i>Environment International</i> , 2020 , 136, 105447	12.9	23
102	High-throughput tool to discriminate effects of NMs (Cu-NPs, Cu-nanowires, CuNO, and Cu salt aged): transcriptomics in <i>Enchytraeus crypticus</i> . <i>Nanotoxicology</i> , 2018 , 12, 325-340	5.3	22
101	Earthworm avoidance of silver nanomaterials over time. <i>Environmental Pollution</i> , 2018 , 239, 751-756	9.3	22
100	Energy Basal Levels and Allocation among Lipids, Proteins, and Carbohydrates in <i>Enchytraeus albidus</i> : Changes Related to Exposure to Cu Salt and Cu Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 477-482	2.6	22
99	Gene expression responses linked to reproduction effect concentrations (EC 10,20,50,90) of dimethoate, atrazine and carbendazim, in <i>Enchytraeus albidus</i> . <i>PLoS ONE</i> , 2012 , 7, e36068	3.7	22
98	Effect assessment of engineered nanoparticles in solid media - Current insight and the way forward. <i>Environmental Pollution</i> , 2016 , 218, 1370-1375	9.3	21
97	High-throughput transcriptomics: Insights into the pathways involved in (nano) nickel toxicity in a key invertebrate test species. <i>Environmental Pollution</i> , 2019 , 245, 131-140	9.3	20
96	Changes in cellular energy allocation in <i>Enchytraeus albidus</i> when exposed to dimethoate, atrazine, and carbendazim. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2800-7	3.8	19
95	Effect of 10 different TiO ₂ and ZrO ₂ (nano)materials on the soil invertebrate <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 2409-16	3.8	19

94	Tackling the heterogeneity of soils in ecotoxicological testing an euro-soil based approach. <i>Journal of Soils and Sediments</i> , 2004 , 4, 276-281	3.4	19
93	On the safety of nanoformulations to non-target soil invertebrates [An atrazine case study. <i>Environmental Science: Nano</i> , 2019 , 6, 1950-1958	7.1	18
92	Development of an embryotoxicity test for Enchytraeus crypticus--the effect of Cd. <i>Chemosphere</i> , 2015 , 139, 386-92	8.4	18
91	Response of Enchytraeus crypticus worms to high metal levels in tropical soils polluted by copper smelting. <i>Journal of Geochemical Exploration</i> , 2014 , 144, 427-432	3.8	18
90	Transcriptional responses in Enchytraeus albidus (Oligochaeta): comparison between cadmium and zinc exposure and linkage to reproduction effects. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 2289-99	3.8	18
89	Boric acid as reference substance: pros, cons and standardization. <i>Ecotoxicology</i> , 2012 , 21, 919-24	2.9	18
88	Toxicity and bioaccumulation of phenanthrene in Enchytraeus albidus (Oligochaeta: Enchytraeidae). <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 967-72	3.8	18
87	Interactions of Soil Species Exposed to CuO NMs are Different From Cu Salt: A Multispecies Test. <i>Environmental Science & Technology</i> , 2018 , 52, 4413-4421	10.3	17
86	Adaptations of enchytraeids to single and combined effects of physical and chemical stressors. <i>Environmental Reviews</i> , 2016 , 24, 1-12	4.5	17
85	Nanomaterials to microplastics: Swings and roundabouts. <i>Nano Today</i> , 2017 , 17, 7-10	17.9	17
84	Interaction between density and Cu toxicity for Enchytraeus crypticus--comparing first and second generation effects. <i>Science of the Total Environment</i> , 2013 , 458-460, 361-6	10.2	17
83	Soil salinity increases survival of freezing in the enchytraeid Enchytraeus albidus. <i>Journal of Experimental Biology</i> , 2013 , 216, 2732-40	3	17
82	Development of a microarray for Enchytraeus albidus (Oligochaeta): preliminary tool with diverse applications. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1395-402	3.8	17
81	Does long term low impact stress cause population extinction?. <i>Environmental Pollution</i> , 2017 , 220, 1014-1023	9.5	16
80	Changes in cellular energy allocation in Enchytraeus crypticus exposed to copper and silver--linkage to effects at higher level (reproduction). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 14241-7	5.1	16
79	Interaction between density and Cu toxicity for Enchytraeus crypticus and Eisenia fetida reflecting field scenarios. <i>Science of the Total Environment</i> , 2011 , 409, 3370-4	10.2	16
78	Multigenerational exposure of Folsomia candida to ivermectin [Using avoidance, survival, reproduction, size and cellular markers as endpoints. <i>Geoderma</i> , 2019 , 337, 273-279	6.7	16
77	Effects of temperature and copper pollution on soil community--extreme temperature events can lead to community extinction. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2678-85	3.8	15

76	Silver (nano)materials cause genotoxicity in <i>Enchytraeus crypticus</i> , as determined by the comet assay. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 184-191	3.8	15
75	Fate and Effect of Nano Tungsten Carbide Cobalt (WCCo) in the Soil Environment: Observing a Nanoparticle Specific Toxicity in <i>Enchytraeus crypticus</i> . <i>Environmental Science & Technology</i> , 2018 , 52, 11394-11401	10.3	15
74	Transcriptomic effects of the non-steroidal anti-inflammatory drug Ibuprofen in the marine bivalve <i>Mytilus galloprovincialis</i> Lam. <i>Marine Environmental Research</i> , 2016 , 119, 31-9	3.3	14
73	Development of ecosystems to climate change and the interaction with pollution Unpredictable changes in community structures. <i>Applied Soil Ecology</i> , 2014 , 75, 24-32	5	13
72	Antioxidant and neurotoxicity markers in the model organism <i>Enchytraeus albidus</i> (Oligochaeta): mechanisms of response to atrazine, dimethoate and carbendazim. <i>Ecotoxicology</i> , 2014 , 23, 1220-33	2.9	13
71	Variation-preserving normalization unveils blind spots in gene expression profiling. <i>Scientific Reports</i> , 2017 , 7, 42460	4.9	13
70	Effects of soil properties and time of exposure on gene expression of <i>Enchytraeus albidus</i> (Oligochaeta). <i>Soil Biology and Biochemistry</i> , 2011 , 43, 2078-2084	7.5	13
69	High-throughput gene expression in soil invertebrate embryos - Mechanisms of Cd toxicity in <i>Enchytraeus crypticus</i> . <i>Chemosphere</i> , 2018 , 212, 87-94	8.4	12
68	Profiling transcriptomic response of <i>Enchytraeus albidus</i> to Cu and Ni: comparison with Cd and Zn. <i>Environmental Pollution</i> , 2014 , 186, 75-82	9.3	12
67	Novel understanding of toxicity in a life cycle perspective - The mechanisms that lead to population effect - The case of Ag (nano)materials. <i>Environmental Pollution</i> , 2020 , 262, 114277	9.3	12
66	Mechanisms of (photo)toxicity of TiO nanomaterials (NM103, NM104, NM105): using high-throughput gene expression in <i>Enchytraeus crypticus</i> . <i>Nanoscale</i> , 2018 , 10, 21960-21970	7.7	12
65	The Proteome of <i>Enchytraeus crypticus</i> -Exposure to CuO Nanomaterial and CuCl ₂ -in Pursue of a Mechanistic Interpretation. <i>Proteomics</i> , 2018 , 18, e1800091	4.8	11
64	Differential gene expression analysis in <i>Enchytraeus albidus</i> exposed to natural and chemical stressors at different exposure periods. <i>Ecotoxicology</i> , 2012 , 21, 213-24	2.9	11
63	Risk Management Framework for Nano-Biomaterials Used in Medical Devices and Advanced Therapy Medicinal Products. <i>Materials</i> , 2020 , 13,	3.5	11
62	Mechanisms of phenanthrene toxicity in the soil invertebrate, <i>Enchytraeus crypticus</i> . <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2713-2720	3.8	11
61	Graphene-Based Nanomaterials in Soil: Ecotoxicity Assessment Using Reduced Full Life Cycle. <i>Nanomaterials</i> , 2019 , 9,	5.4	10
60	Population-specific transcriptional differences associated with freeze tolerance in a terrestrial worm. <i>Ecology and Evolution</i> , 2018 , 8, 3774-3786	2.8	10
59	Importance of freeze-thaw events in low temperature ecotoxicology of cold tolerant enchytraeids. <i>Environmental Science & Technology</i> , 2014 , 48, 9790-6	10.3	10

58	The Enchytraeus crypticus stress metabolome - CuO NM case study. <i>Nanotoxicology</i> , 2018 , 12, 766-780	5.3	10
57	Multigenerational exposure to cobalt (CoCl) and WCCo nanoparticles in. <i>Nanotoxicology</i> , 2019 , 13, 751-766	5.6	9
56	Exploring DNA methylation patterns in copper exposed Folsomia candida and Enchytraeus crypticus. <i>Pedobiologia</i> , 2018 , 66, 52-57	1.7	9
55	Salinity changes impact of hazardous chemicals in Enchytraeus albidus. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 2159-66	3.8	9
54	Enchytraeus albidus microarray: enrichment, design, annotation and database (EnchyBASE). <i>PLoS ONE</i> , 2012 , 7, e34266	3.7	9
53	Effects of europium polyoxometalate encapsulated in silica nanoparticles (nanocarriers) in soil invertebrates. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	9
52	Combined effect of temperature and copper pollution on soil bacterial community: climate change and regional variation aspects. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 111, 153-9	7	8
51	The way forward for risk assessment of nanomaterials in solid media. <i>Environmental Pollution</i> , 2016 , 218, 1363-1364	9.3	8
50	Environmental hazard testing of nanobiomaterials. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	8
49	Enchytraeus crypticus fitness: effect of density on a two-generation study. <i>Ecotoxicology</i> , 2017 , 26, 570-575	5.5	7
48	Assessing the toxicity of safer by design CuO surface-modifications using terrestrial multispecies assays. <i>Science of the Total Environment</i> , 2019 , 678, 457-465	10.2	7
47	Multigenerational Exposure to WCCo Nanomaterials-Epigenetics in the Soil Invertebrate. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
46	Effects of Amorphous Silica Nanopowders on the Avoidance Behavior of Five Soil Species-A Screening Study. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
45	Multigenerational exposure of Folsomia candida to silver: Effect of different contamination scenarios (continuous versus pulsed and recovery). <i>Science of the Total Environment</i> , 2018 , 631-632, 326-333	10.3	7
44	Cell Testing with Soil Invertebrates-Challenges and Opportunities toward Modeling the Effect of Nanomaterials: A Surface-Modified CuO Case Study. <i>Nanomaterials</i> , 2019 , 9,	5.4	7
43	Worms from the Arctic are better adapted to freezing and high salinity than worms from temperate regions: oxidative stress responses in Enchytraeus albidus. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 166, 582-9	2.6	7
42	The toxicity of silver nanomaterials (NM 300K) is reduced when combined with N-Acetylcysteine: Hazard assessment on Enchytraeus crypticus. <i>Environmental Pollution</i> , 2020 , 256, 113484	9.3	7
41	Exposure of Folsomia candida (Willem 1902) to teflubenzuron over three generations [Increase of toxicity in the third generation. <i>Applied Soil Ecology</i> , 2019 , 134, 8-14	5	7

40	Confirmatory assays for transient changes of omics in soil invertebrates - Copper materials in a multigenerational exposure. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123500	12.8	7
39	Plastic pollution - A case study with <i>Enchytraeus crypticus</i> - From micro-to nanoplastics. <i>Environmental Pollution</i> , 2021 , 271, 116363	9.3	7
38	Implementing the DF4 in a robust model, allowing for enhanced comparison, prioritisation and grouping of Nanomaterials. <i>Regulatory Toxicology and Pharmacology</i> , 2018 , 92, 207-212	3.4	6
37	Environmental fate and effect of biodegradable electro-spun scaffolds (biomaterial)-a case study. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 51	4.5	6
36	Toxicity of fungicides to terrestrial non-target fauna - Formulated products versus active ingredients (azoxystrobin, cyproconazole, prothioconazole, tebuconazole) - A case study with <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Science of the Total Environment</i> , 2021 , 754, 142098	10.2	6
35	<i>Enchytraeus crypticus</i> (Oligochaeta) is able to regenerate - Considerations for a standard ecotoxicological species. <i>Applied Soil Ecology</i> , 2016 , 107, 320-323	5	5
34	Effect of Cu and Ni on cellular energy allocation in <i>Enchytraeus albidus</i> . <i>Ecotoxicology</i> , 2016 , 25, 1523-1530	3.0	5
33	Nanomaterials in the Environment: Perspectives on in Vivo Terrestrial Toxicity Testing. <i>Frontiers in Environmental Science</i> , 2017 , 5,	4.8	5
32	Polystyrene Nanoplastics Can Alter the Toxicological Effects of Simvastatin on. <i>Toxics</i> , 2021 , 9,	4.7	5
31	Multiomics assessment in <i>Enchytraeus crypticus</i> exposed to Ag nanomaterials (Ag NM300K) and ions (AgNO) - Metabolomics, proteomics (& transcriptomics). <i>Environmental Pollution</i> , 2021 , 286, 117571	9.3	5
30	Normal operating range (NOR) in <i>Enchytraeus albidus</i> - Transcriptional responses to control conditions. <i>Applied Soil Ecology</i> , 2015 , 85, 1-10	5	4
29	Developing an epigenetics model species - From blastula to mature adult, life cycle methylation profile of <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Science of the Total Environment</i> , 2020 , 732, 139079	10.2	4
28	Novel egg life-stage test with <i>Folsomia candida</i> - A case study with Cadmium (Cd). <i>Science of the Total Environment</i> , 2019 , 647, 121-126	10.2	4
27	Toxicokinetics of copper and cadmium in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta). <i>Chemosphere</i> , 2021 , 270, 129433	8.4	4
26	Hazard assessment of the veterinary pharmaceuticals monensin and nicarbazin using a soil test battery. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 3145-3153	3.8	4
25	Identifying conserved UV exposure genes and mechanisms. <i>Scientific Reports</i> , 2018 , 8, 8605	4.9	4
24	Alternative test methods for (nano)materials hazards assessment: Challenges and recommendations for regulatory preparedness. <i>Nano Today</i> , 2021 , 40, 101242	17.9	4
23	Bridging international approaches on nanoEHS. <i>Nature Nanotechnology</i> , 2021 , 16, 608-611	28.7	3

22	Mixture toxicity assessment of a biocidal product based on reproduction and avoidance behaviour of the collembolan <i>Folsomia candida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 165, 284-290	7	3
21	Is the Synthetic Fungicide Fosetyl-Al Safe for the Ecotoxicological Models <i>Danio rerio</i> and <i>Enchytraeus crypticus</i> ?. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7209	2.6	3
20	Annelid genomes: <i>Enchytraeus crypticus</i> , a soil model for the innate (and primed) immune system. <i>Lab Animal</i> , 2021 , 50, 285-294	0.4	3
19	Toxicity of boron and vanadium nanoparticles on <i>Danio rerio</i> embryos - Phenotypical, biochemical, and behavioral alterations. <i>Aquatic Toxicology</i> , 2021 , 238, 105930	5.1	3
18	Energy reserves and cellular energy allocation studies: Should food supply be provided?. <i>Geoderma</i> , 2016 , 284, 51-56	6.7	2
17	Uptake and Elimination of 4-Nonylphenol in the Enchytraeid <i>Enchytraeus albidus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016 , 96, 156-61	2.7	2
16	Machine learning and materials modelling interpretation of toxicological response to TiO nanoparticles library (UV and non-UV exposure). <i>Nanoscale</i> , 2021 , 13, 14666-14678	7.7	2
15	Toxicokinetics of Ag (nano)materials in the soil model <i>Enchytraeus crypticus</i> (Oligochaeta) Impact of aging and concentration. <i>Environmental Science: Nano</i> , 2021 , 8, 2629-2640	7.1	2
14	Environmental Hazards of Boron and Vanadium Nanoparticles in the Terrestrial Ecosystem-A Case Study with. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
13	Biomass ash formulations as sustainable improvers for mining soil health recovery: Linking soil properties and ecotoxicity. <i>Environmental Pollution</i> , 2021 , 291, 118165	9.3	2
12	How Can Nanoplastics Affect the Survival, Reproduction, and Behaviour of the Soil Model <i>Enchytraeus crypticus</i> ?. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7674	2.6	1
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10	The Curious Case of Earthworms and COVID-19. <i>Biology</i> , 2021 , 10,	4.9	1
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7	The role of nanoplastics on the toxicity of the herbicide phenmedipham, using <i>Danio rerio</i> embryos as model organisms.. <i>Environmental Pollution</i> , 2022 , 119166	9.3	1
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